

Sanyo-74/Div

SUBSTITUTE CLAIMS - 6/18/01

WHAT IS CLAIMED IS:

1 1. An electronic camera comprising:
2 a signal processor for processing an imaged video
3 signal obtained from an imaging element to store image data
4 in a recording medium;
5 a monitor for displaying said image data;
6 an electronic flash device;
7 a battery for supplying voltage to said signal
8 processor, said monitor and said electronic flash device;
9 a battery voltage detector circuit; and
10 a system controller; wherein
11 said electronic flash device includes a capacitor
12 charged when no light is emitted from the flash device, and
13 a discharge tube which receives an output from said
14 capacitor and, in response thereto, emits light; and
15 when an amount of electric charge remaining in said
16 battery is below a predetermined value, said system
17 controller initially prohibits charging said capacitor and
18 in addition thereto controls said monitor to operate only
19 for a period of time permitting a user to confirm data of
20 an image picked up and said system controller then controls
21 said monitor to be inoperable and thereafter carries out
22 charging said capacitor.

1 2. The electronic camera according to claim 1, wherein
2 said system controller also controls displaying on said
3 monitor and charging of said capacitor such that display of
4 the image data and charging of the capacitor are
5 simultaneously performed when the amount of electric charge

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6 remaining in said battery is at least equal to said
7 predetermined value.

1 3. The electronic camera according to claim 1, wherein
2 said predetermined value represents half of a full amount
3 of the electric charge stored in said battery.

1 4. The electronic camera according to claim 3, wherein
2 said system controller also controls displaying on said
3 monitor and charging of said capacitor such that display of
4 the image data and charging of the capacitor are
5 simultaneously performed when the amount of electric charge
6 remaining in said battery is at least equal to said
7 predetermined value.

1 5. The electronic camera according to claim 1, wherein
2 said monitor is an LCD monitor.

1 6. The electronic camera according to claim 1, further
2 comprising a digital processing portion for applying a
3 digital-signal processing to a video signal.